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# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant

Michael Demerath

Serial No.

09/966,194

Filing Date

September 28, 2001

For

AIR DIFFUSER, ESPECIALLY

FOR VEHICLE AIR-

CONDITIONING

Art Unit

3749

Examiner

H. Joyce

Attorney Docket

TRW (AEC) 5938 RECEIVED

JUL 1 6 2003

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

**TECHNOLOGY CENTER R3700** 

# INFORMATION DISCLOSURE STATEMENT

### Sir:

- Pursuant to 37 CFR \$1.97 and \$1.98, and in compliance with CFR \$1.56, the Office's attention is directed to the patents, pending applications, publications and other information listed on the attached PTO-1449. A copy of each listed document is enclosed. Applicant(s) make no admission that the enclosed documents are prior art to the present invention.
- Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a 🥞 🕏 corresponding U.S. Patent is enclosed, or an English abstract, or a concise explanation of the relevance of the document is set forth on an attached sheet.

07/11/2003 UADDELAT 00000020 01 FC11006

3.		uant t must			\$1.97(b) this Statement is being filed d):			
	(a)				ree months of the filing date or ntry into the National Stage.			
	(b)				e mailing date of a first Office the merits.			
	(c)		After the period set forth in 37 CFR \$1.97(b) but before the mailing date of either a final action or a notice of allowance or an action that otherwise closes prosecution in the application.					
			1)		A certification is given below,			
·			2)		Enclosed is a check covering the fee (\$180.00) set forth in \$1.17(p) for consideration of this Statement, or			
	•		3)		Charge the fee set forth in 37 CFR §1.17(p) to Deposit Account No. 20-0090.			
	final act before pa				mailing date of either a ion or a notice of allowance, but yment of the issue fee. The certification and fee is below.			
			1)	$\boxtimes$	Enclosed is a check covering the fee set forth in 37 CFR §1.17(p) \$180, or			
			2)		Charge the fee set forth in 37 CFR §1.17(p) to Deposit Account No. 20-0090.			
4.	Cert	ifica	tion	(if ap	oplicable):			
	(a)		each State comm in a	item ement unica coun	signed hereby certifies that of information contained in this was first cited in any tion from a foreign patent office terpart foreign application not three months prior to the filing			

of this Statement.

- (b) The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the undersigned's knowledge after making reasonable inquiry no item of information contained in the Statement, was known to any individual designated in 37 CFR \$1.56(c) more than three months prior to the filing of this Statement.
- 5. The Commissioner is hereby authorized to charge any additional fees, fees underpaid, or credit any overpayment with regard to this Statement to Deposit Account No. 20-0090.
- 6. Concise Explanation (if needed):
  - (1) Below is a Concise Statement of Relevance of enclosed non-English language document(s).

# U.S. PATENT DOCUMENTS

- U.S. Patent No. 4,676,146 Discloses a fin swinging angle control apparatus.
- U.S. Patent No. 5,072,657 Discloses blowing louver with swinging fins for air conditioners.
- U.S. Patent No. 4,840,113 Discloses a louver vent for the ventilation of a motor vehicle passenger compartment.

## FOREIGN PATENT DOCUMENTS

DE 37 19 835

Corresponds to enclosed U.S. Patent No. 4,840,133

Respectfully submitted,

THOMAS L. TAROLLI

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FORM PTO-1449 (REV. 6-89 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY DOCKET NO.	SERIAL NO. 09/966,194
TRW(AEC)5938	U3/900,194
APPLICANT:	

Michael Demerath

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FILING DATE: **9-28-01** 

GROUP: **3749** 

#### **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	4,676,146	6/87	Takahashi et al			
	5,072,657	12/91	Sakai			
	4,840,113	6/89	Freitag	•		
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### **FOREIGN PATENT DOCUMENTS**

EXAMINER	DOCUMENT		3		SUB	TRANSLATION	
INITIAL	NUMBER	DATE	COUNTRY	CLASS	CLASS	YES	NO
	3719835A1	12/88	GERMANY				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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DATE CONSIDERED

EXAMINER: Initial citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.